BRUHATH BENGALURU MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on :

Item No.	1	23/11/2020
1	Removing and resetting of footpath slab	

Sl No	CHAINAGE Land Mark		No	L (m)	B (m)	D (m)	Qty	Remarks
	9th Cross road Bhadrappa Layout							
	LHS		1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	20.00	0.90		18.00	
	RHS		1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	20.00	0.90		18.00	
	10th Cross Bhadrappa Layout Maruthinagar							
	LHS		1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
	RHS		1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	16.00	0.90		14.40	
							550.80	
	Less Missing and Damage Slabs							
	9th Cross road Bhadrappa Layout							
	LHS		10	0.60	0.90		5.40	
			8	0.60	0.90		4.32	
			9	0.60	0.90		4.86	
			10	0.60	0.90		5.40	
	RHS		10	0.60	0.90		5.40	
			8	0.60	0.90		4.32	
			10	0.60	0.90		5.40	
			8	0.60	0.90		4.32	
							39.42	

Sl No	CHAINAGE		No	L	B	D	Qty	Re
	Land Mark			(m)	(m)	(m)		
	10th Cross Bhadrappa Layout Maruthinagar							
	LHS		10	0.60	0.90		5.40	
			9	0.60	0.90		4.86	
			10	0.60	0.90		5.40	
			9	0.60	0.90		4.86	
			9	0.60	0.90		4.86	
			10	0.60	0.90		5.40	
			9	0.60	0.90		4.86	
	RHS		8	0.60	0.90		4.32	
			10	0.60	0.90		5.40	
			9	0.60	0.90		4.86	
			10	0.60	0.90		5.40	
			9	0.60	0.90		4.86	
			9	0.60	0.90		4.86	
			10	0.60	0.90		5.40	10.74.
							110.16	
	Deduct (550.80-110.16)						440.64	
	Total Executed Quantity						440.64	Sqm
	Limited to Schedule B Quantity						322.20	Sqm

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 25/11/2020

Item No.	3	
3	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	

Sl No	CHAINAGE / Land Mark		No	L (m)	B (m)	D (m)	Qty	Remarks
	9th Cross road Bhadrappa Layout							
	LHS		1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	20.00	0.60	0.60	7.20	
	RHS		1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	20.00	0.60	0.60	7.20	
	10th Cross Bhadrappa Layout Maruthinagar							
	LHS		1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	16.00	0.60	0.60	5.76	
	RHS		1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	30.00	0.60	0.60	10.80	
			1	16.00	0.60	0.60	5.76	
	Total Executed Quantity						**220.32**	**Cum**
	Limited to Schedule B Quantity						**219.60**	**Cum**

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 08/12/2020

Item No.	11	
11	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqmm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	

Sl No	CHAINAGE / Land Mark		No	L (m)	B (m)	D (m)	Qty	Remarks
	9th Cross road Bhadrappa Layout							
	LHS		2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	20.00		0.20	8.00	
	RHS		2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	20.00		0.20	8.00	
	Total Executed Quantity						**88.00**	**Sqm**

8/12/20

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 10/12/2020

Item No.	12							
12	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.							
Sl No	**CHAINAGE** / **Land Mark**		**No**	**L** (m)	**B** (m)	**D** (m)	**Qty**	**Remarks**
	9th Cross road Bhadrappa Layout							
	LHS		2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	20.00		0.20	8.00	
	RHS		2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	30.00		0.20	12.00	
			2	20.00		0.20	8.00	
	Total Executed Quantity						**88.00**	**Sqm**

Contractor

Asst Engineer
Ward No 08

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 11/12/2020

Item No.	13							
13	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2							
Sl No	**CHAINAGE**		**No**	**L**	**B**	**D**	**Qty**	**Remarks**
	Land Mark			**(m)**	**(m)**	**(m)**		
	Coping							
	9th Cross road Bhadrappa Layout							
	LHS		2	30.00	0.20	0.075	0.90	
			2	30.00	0.20	0.075	0.90	
			2	30.00	0.20	0.075	0.90	
			2	20.00	0.20	0.075	0.60	
	RHS		2	30.00	0.20	0.10	1.20	
			2	30.00	0.20	0.10	1.20	
			2	30.00	0.20	0.10	1.20	
			2	20.00	0.20	0.10	0.80	
	Reconstruction of Ramp							
	9th Cross road Bhadrappa Layout							
	LHS		1	30.00	0.30	0.20	1.80	
			1	30.00	0.30	0.20	1.80	
			1	30.00	0.30	0.20	1.80	
			1	20.00	0.30	0.20	1.20	
	RHS		1	30.00	0.30	0.25	2.25	
			1	30.00	0.30	0.25	2.25	
			1	30.00	0.30	0.25	2.25	
			1	20.00	0.30	0.25	1.50	
	Total Executed Quantity						**22.55**	**Cum**
	Limited to Schedule B Quantity						**22.44**	**Cum**

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 24/11/2020

Item No.	2	
2	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202	

Sl No	CHAINAGE / Land Mark	No	L (m)	B (m)	D (m)	Qty	Remarks
	10th Cross road						
		1	30.00	(6.40+4.20)/2	0.20	31.80	
		1	30.00	(4.20+3.20)/2	0.20	22.20	
		1	30.00	(3.20+5.10)/2	0.20	24.90	
		1	30.00	(5.10+4.50)/2	0.20	28.80	
		1	30.00	(4.50+5.40)/2	0.20	29.70	
		1	30.00	(5.40+5.50)/2	0.20	32.70	
	9th Cross road						
		1	30.00	(4.50+4.60)/2	0.15	20.48	
		1	30.00	(4.60+5.10)/2	0.15	21.83	
		1	30.00	(5.10+5.20)/2	0.15	23.18	
		1	20.00	(5.20+6.10)/2	0.15	16.95	
	13th Cross road						
		1	30.00	(5.80+5.60)/2	0.15	25.65	
		1	15.00	(5.60+5.80)/2	0.15	12.83	
	Cross road						
		1	20.00	(5.10+4.80)/2	0.15	14.85	
	Total Executed Quantity					**305.85**	**Cum**
	Limited to Schedule B Quantity					**298.81**	**Cum**

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 25/11/2020

Item No.	4							
4	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and. trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.specification. No. KBS 2.1 (a) / 2.3.1							
Sl No	**CHAINAGE**		**No**	**L**	**B**	**D**	**Qty**	**Remarks**
	Land Mark			**(m)**	**(m)**	**(m)**		
	10th Cross road							
			1	30.00	(6.40+4.20)/2	0.20	31.80	
			1	30.00	(4.20+3.20)/2	0.20	22.20	
			1	30.00	(3.20+5.10)/2	0.20	24.90	
			1	30.00	(5.10+4.50)/2	0.20	28.80	
			1	30.00	(4.50+5.40)/2	0.20	29.70	
			1	30.00	(5.40+5.50)/2	0.20	32.70	
	9th Cross road							
			1	30.00	(4.50+4.60)/2	0.20	27.30	
			1	30.00	(4.60+5.10)/2	0.20	29.10	
			1	30.00	(5.10+5.20)/2	0.20	30.90	
			1	20.00	(5.20+6.10)/2	0.20	22.60	
	13th Cross road							
			1	30.00	(5.80+5.60)/2	0.20	34.20	
			1	15.00	(5.60+5.80)/2	0.20	17.10	
	Cross road							
			1	20.00	(5.10+4.80)/2	0.20	19.80	
	Total Executed Quantity						**351.10**	**Cum**
	Limited to Schedule B Quantity						**341.50**	**Cum**

Contractor

Asst Engineer
Ward No 08

Assistant Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 27/11/2020

Item No.	5						
5	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications, specification. No. KBS 2.1(a)/2.3.5						
Sl No	**CHAINAGE** **Land Mark**	**No**	**L** **(m)**	**B** **(m)**	**D** **(m)**	**Qty**	**Remarks**
	Selected reaches for New RCC drain						
	12th cross						
	LHS	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	28.00	1.00	1.00	28.00	
	RHS	1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	28.00	1.00	1.00	28.00	
	For New RCC Culverts						
	9th Cross road Bhadrappa Layout						
		1	6.00	1.60	1.25	12.00	
	10th Cross Bhadrappa Layout Maruthinagar						
		1	5.90	1.60	1.25	11.80	
	13th Cross road						
		1	6.10	1.60	1.25	12.20	
	Total Executed Quantity					**212.00**	**Cum**
	Limited to Schedule B Quantity					**211.00**	**Cum**

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 03/12/2020

Item No. 7

7 KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1,4.2

Sl No	CHAINAGE / Land Mark	No	L (m)	B (m)	D (m)	Qty	Remarks
	Selected reaches for New RCC drain						
	12th cross						
	LHS	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	28.00	1.00	0.15	4.20	
	RHS	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	28.00	1.00	0.15	4.20	
	For New RCC Culverts						
	9th Cross road Bhadrappa Layout						
		1	6.00	1.60	0.15	1.44	
	10th Cross Bhadrappa Layout Maruthinagar						
		1	5.90	1.60	0.15	1.42	
	13th Cross road						
		1	6.10	1.60	0.15	1.46	
	For CC road						
	10th Cross road						
		1	30.00	(6.40+4.20)/2	0.15	23.85	
		1	30.00	(4.20+3.20)/2	0.15	16.65	
		1	30.00	(3.20+5.10)/2	0.15	18.68	
		1	30.00	(5.10+4.50)/2	0.15	21.60	
		1	30.00	(4.50+5.40)/2	0.15	22.28	
		1	30.00	(5.40+5.50)/2	0.15	24.53	
	9th Cross road						
		1	30.00	(4.50+4.60)/2	0.15	20.48	
		1	30.00	(4.60+5.10)/2	0.15	21.83	
		1	30.00	(5.10+5.20)/2	0.15	23.18	
		1	20.00	(5.20+6.10)/2	0.15	16.95	
	13th Cross road						
		1	30.00	(5.80+5.60)/2	0.15	25.65	

266.37

Sl No	CHAINAGE		No	L	B	D	Qty	Re..ar
	Land Mark			(m)	(m)	(m)		
			1	15.00	(5.60+5.80)/2	0.15	12.83	
	Cross road							
			1	20.00	(5.10+4.80)/2	0.15	14.85	27.68
	Total Executed Quantity						294.05	Cum
	Limited to Schedule B Quantity						286.70	Cum

3/12/20

Contractor

Asst Engineer
Ward No 08

Asst Executive Engineer
Kodigehalli sub-division

Assistant Executive Engin
Kodigehalli Sub Divisio
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on : 05/12/2020

Item No.	10							
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - do - TMT bars Fe 500							
Sl No	**CHAINAGE**	**No**	**No of Bars**	**Length of bars**	**Co-Eff**	**Qty**	**Remarks**
	Land Mark		**(m)**	**(m)**	**(m)**		
	For Drain						
	12th cross						
	U-Shape Main Bars						
	10mm Dia @ 100mm C to C						
		2	891.00	2.10	0.62	2320.16	
	Distrubution bars						
	8mm Dia @ 100mm C to C						
		2	22.00	39.80	0.39	682.97	
	For Culvert						
	9th Cross road Bhadrappa Layout						
	For Raft						
	Bottom Bars						
	12mm Dia @ 125mm C to C						
		1	49.00	1.50	0.89	65.42	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		1	13.00	5.90	0.39	29.91	
	Top Bars						
	12mm Dia @ 125mm C to C						
		1	49.00	1.50	0.89	65.42	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		1	13.00	5.90	0.39	29.91	
	For side wall						
	Inner bars						
	12mm Dia @ 125mm C to C						
		2	49.00	1.00	0.89	87.22	
	Distrubution bars						
	8mm Dia @ 125mm C to C					3291.01	

Sl No	CHAINAGE Land Mark	No	No of Bars (m)	Length of bars (m)	Co-Eff (m)	Qty	Remarks
		2	9.00	5.90	0.39	41.42	
	Outer bars						
	12mm Dia @ 125mm C to C						
		2	49.00	1.00	0.89	87.22	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		2	9.00	5.90	0.39	41.42	
	10th Cross Bhadrappa Layout Maruthinagar						
	For Raft						
	Bottom Bars						
	12mm Dia @ 125mm C to C						
		1	48.00	1.50	0.89	64.08	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		1	13.00	5.90	0.39	29.91	
	Top Bars						
	12mm Dia @ 125mm C to C						
		1	48.00	1.50	0.89	64.08	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		1	13.00	5.90	0.39	29.91	
	For side wall						
	Inner bars						
	12mm Dia @ 125mm C to C						
		2	48.00	1.00	0.89	85.44	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		2	9.00	5.90	0.39	41.42	
	Outer bars						
	12mm Dia @ 125mm C to C						
		2	48.00	1.00	0.89	85.44	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		2	9.00	5.90	0.39	41.42	
	13th Cross road						
	For Raft						
	Bottom Bars						
	12mm Dia @ 125mm C to C						
		1	49.00	1.50	0.89	65.42	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		1	13.00	5.90	0.39	29.91	
	Top Bars						
	12mm Dia @ 125mm C to C						
		1	49.00	1.50	0.89	65.42	
	Distrubution bars						

772.50

Sl No	CHAINAGE	No	No of Bars	Length of bars	Co-Eff	Qty	Remarks
	Land Mark		(m)	(m)	(m)		
	8mm Dia @ 125mm C to C						
		1	13.00	5.90	0.39	29.91	
	For side wall						
	Inner bars						
	12mm Dia @ 125mm C to C						
		2	49.00	1.00	0.89	87.22	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		2	9.00	5.90	0.39	41.42	
	Outer bars						
	12mm Dia @ 125mm C to C						
		2	49.00	1.00	0.89	87.22	
	Distrubution bars						
	8mm Dia @ 125mm C to C						
		2	9.00	5.90	0.39	41.42	287.19
						4340.70	
	Total Executed Quantity					**4.34**	**MT**
	Limited to Schedule B Quantity					**4.21**	**MT**

Contractor

Asst Engineer
Ward No 08

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on :

Item No.	9	5/12/2020
9	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	

Sl No	CHAINAGE / Land Mark		No	No of Bars	Length of bar	Co-Eff	Qty	Remarks
	For Side Wall							
	Selected reaches for New RCC drain							
	12th cross							
	LHS		2*2	30.00		0.60	72.00	
			2*2	30.00		0.60	72.00	
			2*2	28.00		0.60	67.20	
	RHS		2*2	30.00		0.60	72.00	
			2*2	30.00		0.60	72.00	
			2*2	28.00		0.60	67.20	
	For New RCC Culverts							
	9th Cross road Bhadrappa Layout							
			2*2	6.00		0.90	21.60	
	10th Cross Bhadrappa Layout Maruthinagar							
			2*2	5.90		0.90	21.24	
	13th Cross road							
			2*2	6.10		0.90	21.96	
	Total Executed Quantity						**487.20**	**Sqm**
	Limited to Schedule B Quantity						**484.80**	**Sqm**

Contractor

Asst Engineer
Ward No 08

Assistant Executive Engineer
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BBMP, Bangalore

BRUHATH BENGALURU MAHANAGARA PALIKE

HEBBAL DIVISION

1st and Final Bill

Pre Measurement Sheet

Name of Work: Improvements to roads and main and cross roads of Bhadrappa layout Lottegollahalli and surrounding areas in Ward No.8 Kodigehalli

Name of Agency: Sri. Byate Gowda S N

Estimate Cost : Rs.60.00 Lakhs

Job Code No: 008-20-000071

Measurement Recorded on :

Item No.	6	30/11/2020
6	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Ranker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH-100/ Chapter 1	

Sl No	CHAINAGE / Land Mark	No	L (m)	B (m)	D (m)	Qty	Remarks
	Qty Vide Item No 2					305.85	
	Qty Vide Item No 3					220.32	
	Qty Vide Item No 4					351.10	
	Qty Vide Item No 5					212.00	
	Total Executed Quantity					**1089.27**	**Cum**
	Limited to Schedule B Quantity					**1070.91**	**Cum**

30/11/2020

Contractor

Asst Engineer
Ward No 08

Assistant Executive Engineer
Kodigehalli sub-division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore